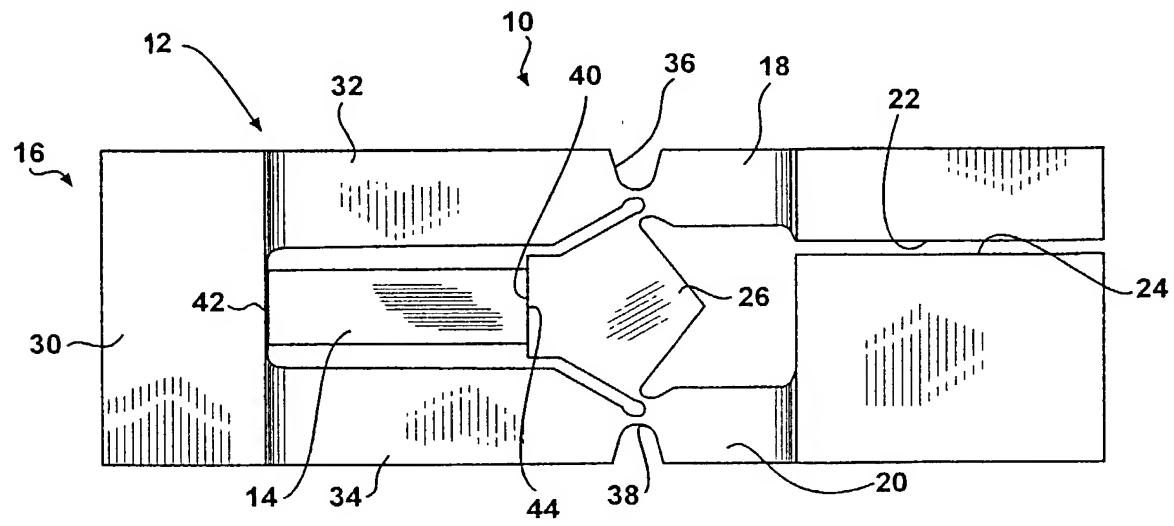
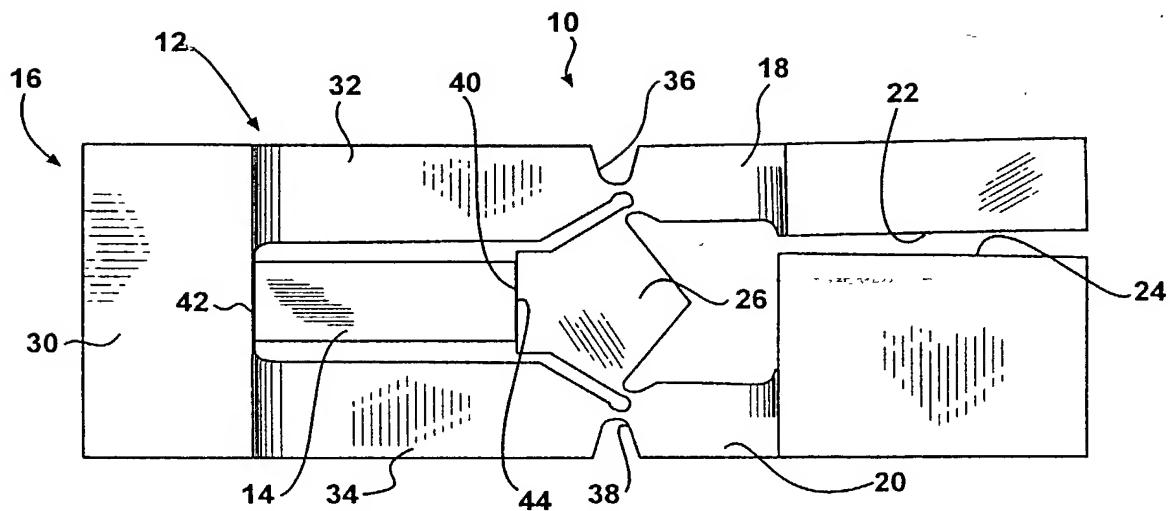


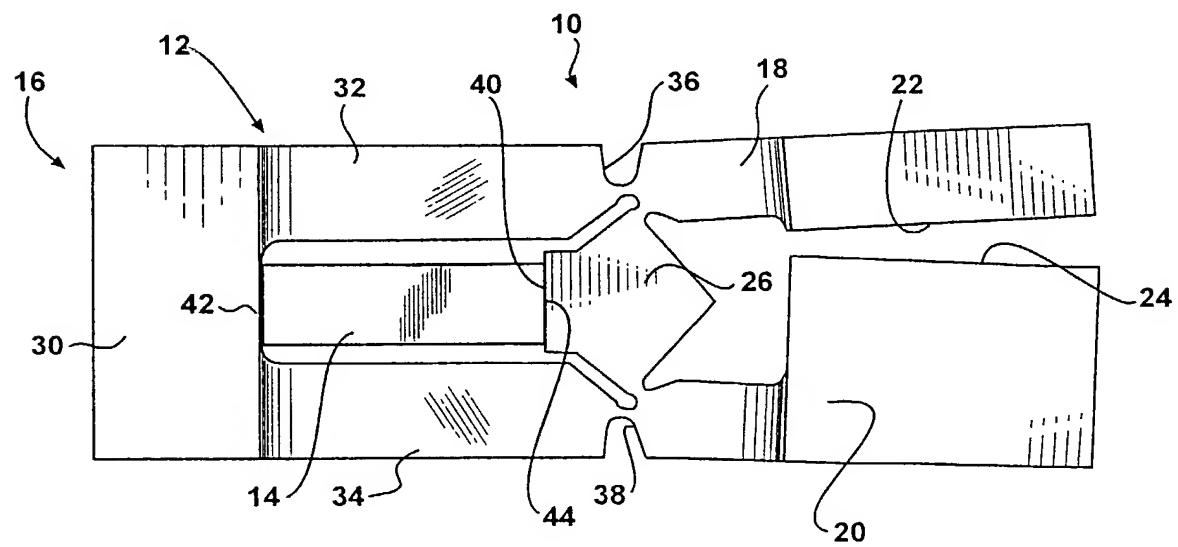
**FIG - 2**



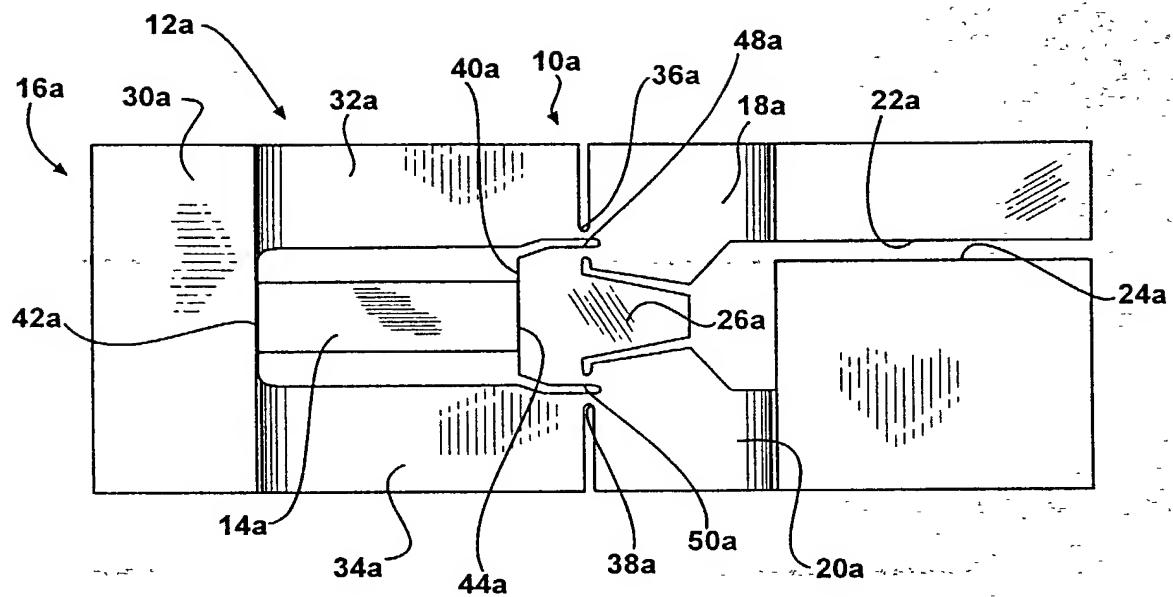
**FIG - 3**



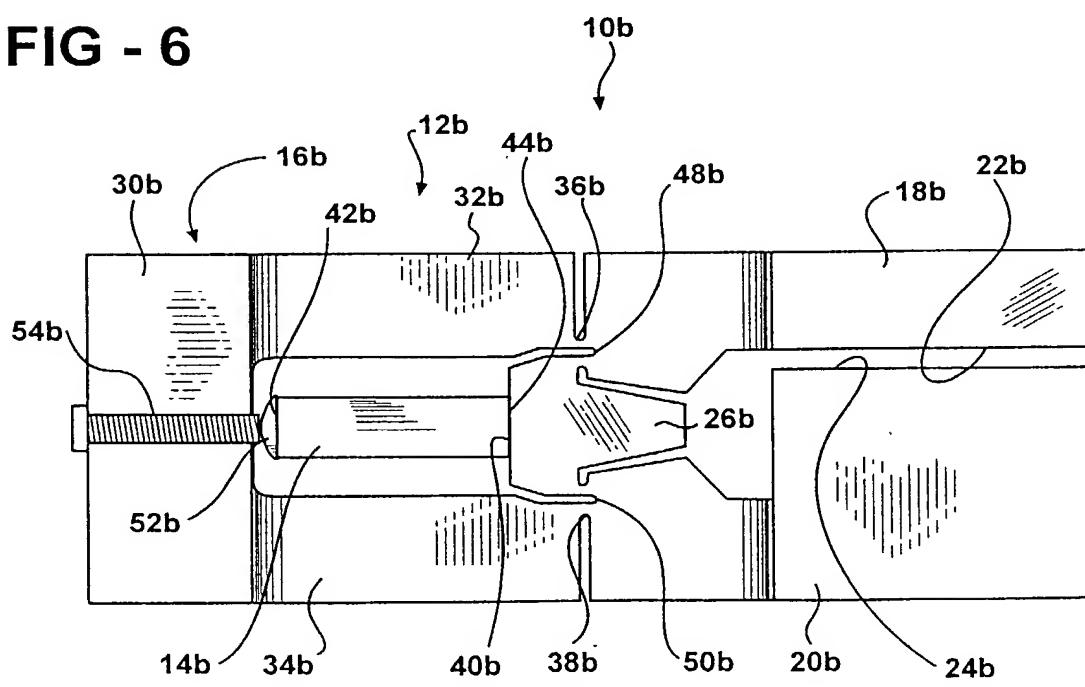
**FIG - 4**



**FIG - 5**



**FIG - 6**



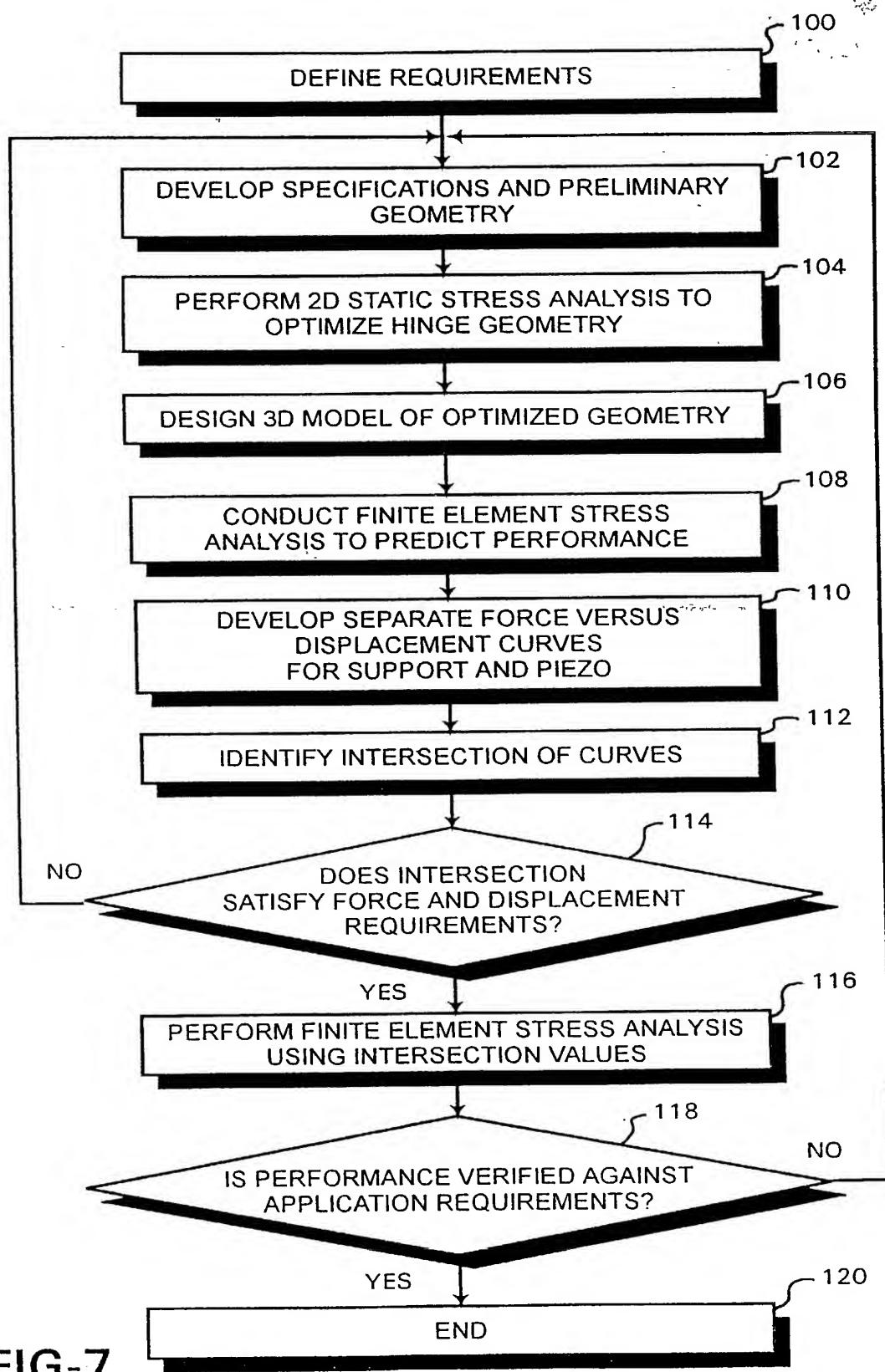


FIG-7

## Piezo Stack Performance

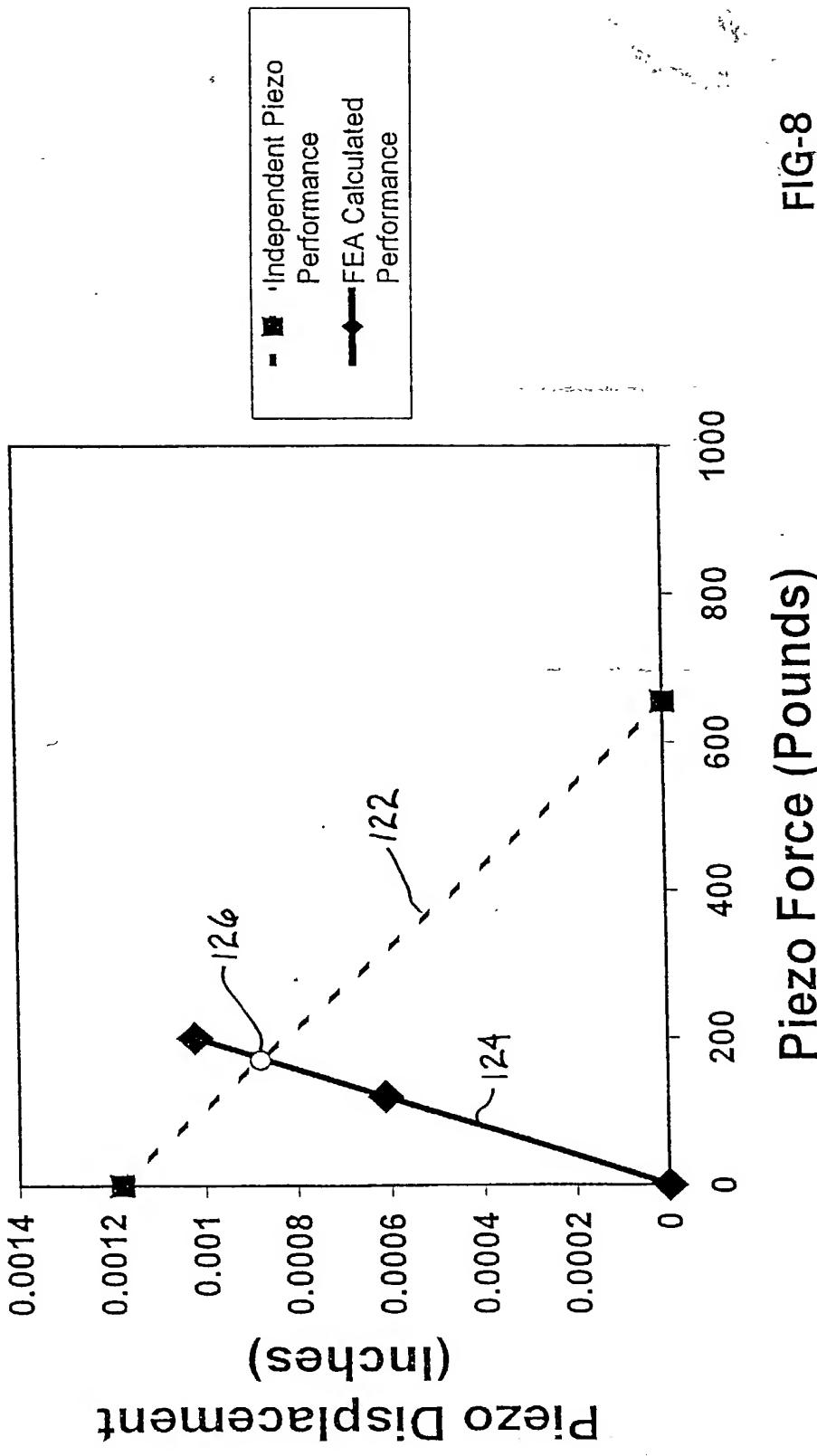


FIG-8  
Piezo Force (Pounds)